

12/31/01
JC978 U.S. PTO

Please type a plus sign (+) instead of a box [+]

01-08-02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

10/039648
JC978 U.S. PRO
12/31/01

Attorney Docket No. 42390.P12981

(maximum 12 characters)

First Named Inventor Howard S. David

Title: DISTRIBUTED MEMORY MODULE CACHE

Express Mail Label No. EL867648947US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 23)**
(preferred arrangement set forth below)
 - Cover page
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 6)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
- b. Copies of IDS Citations
13. **Preliminary Amendment**
14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. Other: _____

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an
assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____
(or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label 008791
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Michael J. Mallie

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Peter Lam Registration No.: 44,855

Signature:  Date: December 31, 2001

FEE TRANSMITTAL FOR FY 2002TOTAL AMOUNT OF PAYMENT (\$) \$824.00

Complete if Known:

Application No. Unassigned
 Filing Date Unassigned
 First Named Inventor Howard S. David
 Group Art Unit Unassigned
 Examiner Name Unassigned
 Attorney Docket No. 42390.P12981

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check

 Money Order
 Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | Small Entity | | | |
|--------------|--------------|------|------|------------------------------------|
| Fee | Fee | Fee | Fee | |
| Code | (\$) | Code | (\$) | <u>Fee Description</u> |
| 101 | 740 | 201 | 370 | Utility application filing fee |
| 106 | 330 | 206 | 165 | Design application filing fee |
| 107 | 510 | 207 | 255 | Plant filing fee |
| 108 | 740 | 208 | 370 | Reissue filing fee |
| 114 | 160 | 214 | 80 | Provisional application filing fee |
| | | | | <u>Fee Paid</u> |
| | | | | <u>740.00</u> |
| | | | | <u>0</u> |

SUBTOTAL (1) \$ 740.00**2. EXTRA CLAIM FEES**

| | <u>Extra Claims</u> | <u>Fee from below</u> | <u>Fee Paid</u> |
|-----------------------------|---------------------|-----------------------|-----------------|
| Total Claims <u>16</u> | <u>- 20** = 0</u> | <u>X 18.00</u> | <u>= 00.00</u> |
| Independent Claims <u>4</u> | <u>- 3** = 1</u> | <u>X 84.00</u> | <u>= 84.00</u> |
| Multiple Dependent | | | <u>= 0</u> |

**Or number previously paid, if greater; For Reissues, see below.

Large Entity Small Entity

| Fee | Fee | Fee | Fee | |
|------|------|------|------|---|
| Code | (\$) | Code | (\$) | <u>Fee Description</u> |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 84.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| <u>Large Entity</u> | <u>Fee</u> | <u>Fee</u> | <u>Small Entity</u> | <u>Fee</u> | <u>Fee</u> | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|------------|------------|---------------------|------------|------------|--|-----------------|
| Code | (\\$) | Code | (\\$) | | | | |
| 105 | 130 | 205 | 65 | | | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | | For filing a request for ex parte reexamination | |
| 099 | 8,800 | 099 | 8,800 | | | Request for inter partes reexamination | |
| 112 | 920* | 112 | 920* | | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | | | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | | | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | | | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | | | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | | | Notice of Appeal | |
| 120 | 320 | 220 | 160 | | | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | | | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | | | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | | | Design issue fee | |
| 144 | 620 | 244 | 310 | | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | | | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | | | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | | | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | | | For filing a submission after final rejection (see 37 CFR 1.129(a)) | |
| 148 | 110 | 248 | 55 | | | Statutory Disclaimer | |
| 149 | 740 | 249 | 370 | | | For each additional invention to be examined (see 37 CFR 1.129(b)) | |
| 179 | 740 | 279 | 370 | | | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | | | Request for expedited examination of a design application | |
| 195 | 300 | 195 | 300 | | | Publication fee for early, voluntary, or normal pub. | |
| 196 | 300 | 196 | 300 | | | Publication fee for republication | |
| 194 | 130 | 194 | 130 | | | Request for voluntary publication or republication | |
| 098 | 130 | 098 | 130 | | | Processing fee under 37 CFR 1.17(i) (except provisionals) | |
| 091 | 1,280 | 091 | 1,280 | | | Acceptance of unintentionally delayed claim for priority | |

Other fee (specify) _____ **SUBTOTAL (3) \$ 0**

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Peter Lam

Signature: [Signature] Date: December 31, 2001

Reg. Number: 44,855 Telephone Number: (408) 720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL867648947US

Date of Deposit: December 31, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.
MICHELLE BEGAY

Name of Person Mailing Paper or Fee: Michele Begay Date: December 31, 2001

Signature of Person Mailing Paper or Fee: Michele Begay Date Signed: _____